

# Hemlock Run Stewarship Project 001

## DIVISION 100 GENERAL SPECIFICATIONS FOR SITE PREPARATION

### 100 - SCOPE OF CONTRACT

The objective of this contract is to have 231 acres of site preparation (felling work using approved equipment such as chainsaws, brush cutters or other hand tools) and any resulting required slash disposal work accomplished on the Bradford Ranger Districts, Allegheny National Forest. The contractor shall furnish tools, labor, equipment, and equipment, unless otherwise provided herein.

### 110- LOCATION

The work area is located on the Allegheny National Forest, Bradford Ranger District. Refer to the Contract Area map for exact locations.

<b>Unit ID</b>	<b>Payment Unit</b>	<b>Acres</b>	<b>General Location (Warrant/Lot/Twnshp/Co)</b>	<b>Rd Access</b>	<b>Map Page</b>
451006	1	40	Lots 4,5/Hamilton/Lots 10,11/ Corydon/Mckean	FR 266	1
451008/450004	2	35	Lot 5/Hamilton/Mckean	FR 266	1
450011	3	25	Lot 5/Hamilton/Mckean	FR 266	1
451011	4	31	Lot 5/Hamilton/Mckean	FR 266	1
451016	5	21	Lot 15/Hamilton/Mckean	FR 266	1
488024/491033	6	40	Lots 63, 64/Mead/Warren	FR 140	2
488009	7	39	Lot 63/Mead/Warren	FR 140	2

### 120 – ACCESS

Project areas may be reached by public road system & Forest Roads that are accessible by standard pickup during the normal working season. The Contractor is responsible for any damage caused by their operations. Some project areas may be on a gated road and require signing out a key with the Contracting Officer's Representative (COR).

### 130 – SAFETY

It is the contractor's responsibility to ensure that the work environment is safe for themselves as well as their employees. If the contractor feels that a requirement of this contract would place them or their employees in an unsafe environment, then work should stop on that area of work and the contractor should contact the COR immediately. Work on other areas of the contract that the contractor does not view as unsafe should continue.

The contractor is required to follow all applicable OSHA standards while working on the job site. In addition, the successful contractor and employees are required to wear and use the following personal protective safety equipment/clothing to include a hardhat, leg and foot protection, ear protection, eye protection and hand protection while working the project area.

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### 140 – NOTIFICATION

The Contractor is required to keep the COR currently informed of their work schedule and physical location of their work force to permit ready location and timely inspection of accomplished work. The contractor shall also notify the contracting officer at least weekly of the progress being attained on this project. This notification can be either e-mail, oral or written.

### DIVISION 200 - TECHNICAL SPECIFICATIONS

#### 200 – SPECIES REQUIRING TREATMENT

201- Desirable Species: The following species are to be protected: white ash, aspen, basswood, black cherry, American chestnut, cucumber, eastern hemlock, all hickory species, red maple, sugar maple, all oak species, eastern white pine, yellow poplar and black walnut. Care shall be taken to not damage or cut desirable species.

#### 202- Competing Vegetation

- 1) Striped Maple: All live Striped Maple of any diameter which is taller than 1 foot in height shall be felled and completely severed from the stump.
- 2) Beech: All live beech taller than 1 foot in height and less than **6.0 inches** in diameter at a point 4.5 feet (breast height) above the ground shall be felled and completely severed from the stump.
- 3) Pin (Fire) Cherry: All live Pin Cherry of any diameter which is taller than 1 foot in height shall be felled and completely severed from the stump.
- 4) Birch: All live birch taller than 1 foot in height and less than **6.0 inches** in diameter at a point 4.5 feet (breast height) above the ground shall be felled and completely severed from the stump.

#### 210 - STUMP HEIGHTS

Stump heights shall be a maximum of 6 inches, unless designated in writing by the COR. Stump sprouts (multiple stems) will be cut as close to the ground as possible. Stumps will be cut in a manner which results in a flat (parallel with the ground) surface. Angular stump cuts will not be allowed.

#### 220 - BOUNDARY TREES

Boundary trees are not to be felled unless specified by the COR. Project area boundary trees are usually marked with a white or orange painted 3 stripe on the trees. Flagging will also be utilized to indicate the boundary of the project area. The color of flagging will be designated by the COR. Trees attached to fences are not to be felled.

#### 230 – SPECIAL REQUIREMENTS

231 - Other trees marked with marking paint, unit boundary flagging, enclosed in tree shelters, or attached to fencing shall not be felled unless otherwise indicated by the COR.

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232- Only live trees will be cut; all snags encountered will be retained unless they are a hazard to contractor safety.

233 - Lodged (hung up trees) shall be pulled or cut down to meet slash disposal requirements as discussed in section 240, 241 & 242.

### 240 - SLASH DISPOSAL

All stands will be treated without lopping unless indicated in the project description. Felled slash shall be removed 15 feet from recreational trail and private land. Felled slash shall be removed from pipelines, powerlines, well openings, ditch lines, maintenance trails, fence maintenance trails, fences, stream courses, seep, forest roads, oil/gas roads and historic railroad grades unless otherwise approved by the COR.

#### 241 – Slash disposal without lopping –

Slash shall be placed on or near the ground surface, so that it will not lean against or be suspended by an uncut tree or deer fencing. Do not pile cut trees or brush on top of desirable trees.

All preferred species trees will be released from all slash so they are standing straight up on their own.

### 250 - PROTECTION, USE, AND MAINTENANCE OF IMPROVEMENTS

Cut trees shall be felled away from pipelines, oil, gas and mineral development, wells, power lines, trails, fences, survey monuments, roads, streams, and any other improvements designated by the COR. If such improvements are damaged by Contractor's Operations, Contractor shall restore them to conditions existing prior to damage.

### 270 – RESERVE AREAS

Reserve Areas are areas within the stands that are uncut. These areas are generally designated with three-striped green or white paint around the boundary. No trees shall be cut within these reserve areas unless otherwise indicated on the task order. If a reserve area is designated to be cut, then only birch and striped maple are to be felled and severed completely from the stump in those areas.

### 290 - PROGRESSION OF WORK

**All work must be completed concurrently as timber is being harvested or up to 6 months prior to harvest operations being complete. No site prep. work will occur between April 1st to June 30<sup>th</sup> in any year.** A contractor will only work on one Project Area at a time unless they have two complete crews then they can work on a second Project Area after informing COR. Work has to be completed before leaving each Project Area and going to the next Item/ Area. Items/ Areas can be identified, by COR, as priority and must be completed first in order to meet Forest objectives.

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**SECTION E--INSPECTION AND ACCEPTANCE**

INSPECTION OF SERVICES - FIXED PRICE 52.246-4 (AUG 1996)

- (a) Definitions. "Services", as used in this clause, includes services performed, workmanship, and material furnished or utilized in the performance of services.
- (b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Government during the contract performance and for as long afterwards as the contract requests.
- (c) The Government has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of this contract. The Government shall perform inspections and tests in a manner that will not unduely delay the work.
- (d) If the Government performs inspections or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, without additional charge, all reasonable facilities and assistance for the safe and convenient performance of these duties.
- (e) If any of these services do not conform to contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When defects in services cannot be corrected by re-performance, the Government may:
- (1) Require the Contractor to take necessary action to ensure that future performance conforms to contract requirements and
  - (2) Reduce the contract price to reflect the reduced value of services performed.
- (f) If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the Government may:
- (1) Government that is directly related to the performance of such service or
  - (2) Terminate the contract for default.

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### QUALITY ASSURANCE PLAN

#### Areas to be Inspected

In accordance with the Inspection Clause the Government is able to inspect any work the Contractor performs, and the Contractor shall be required to rework any areas that are not in conformance to the requirements of this contract. All work must meet the acceptance standards.

The Government will conduct compliance inspections on acres the Contractor has reported as completed to specifications. Plots to check compliance will be randomly placed in the areas to be inspected by the Government inspector.

#### Inspection Procedures

The COR/Inspector will inspect each of the project acres, in accordance with specification Division 200.

#### Definitions

Desirables: tree species that should not be felled as described in Sections 201-Desireable Species, 220-Boundary Trees, and 231-Other Marked Trees.

Undesirables: tree species as indicated in specifications section 202-Competing Vegetation, as well as stumps indicated in specification section 210-Stump Heights.

#### Inspection Criteria

Each plot will be examined to record findings on the following items:

- 1) Total number of Desirable trees that should remain.
- 2) Number of Desirable trees that were cut.
- 3) Number of Undesirable trees remaining.
- 4) Total percentage of Desirable trees cut.

Total Quality Percentage and Total Percentage of Desirables Cut shall be calculated for the sub-item as follows:

- 1) Quality Percentage Calculation:

$$1.00 - \frac{((\# \text{ of cut desirables}) + (\# \text{ of remaining undesirables}))}{(\text{Total } \# \text{ of desirable trees that should remain})} \times 100 = \text{Quality } \%$$

- 2) Total % of Desirables Cut:

$$\frac{(\text{Total } \# \text{ of cut desirables})}{(\text{Tot. } \# \text{ desirables to remain})} = \% \text{ of Desirables Cut}$$

#### Overall Inspection Calculation

The minimum acceptable Quality Inspection percentage is 80% per area.